Title: Structured Private Addressing and Naming for Management of Service and Network Resources Docket No.: NOR-056 (16084RO) Express Mail No.: ER325806612US Michael A. Rodriguez (508-303-2003) Sheet 1/8 SERVICE OSS 26 Circuit 543 (CID = CLCI) Customer – ABC, address, phone 28 AID 42 NETWORK OSS Circuit 543 (CID = CLCI)
NE 14 TID/AID/channel (trib)
AID/Channel (facility) NE 18 TID/AID/channel NE 14' TID/AID/channel (trib) AID/channel (facility) AP CLEI NE: TID,CLLI 22 AID CLEI 50

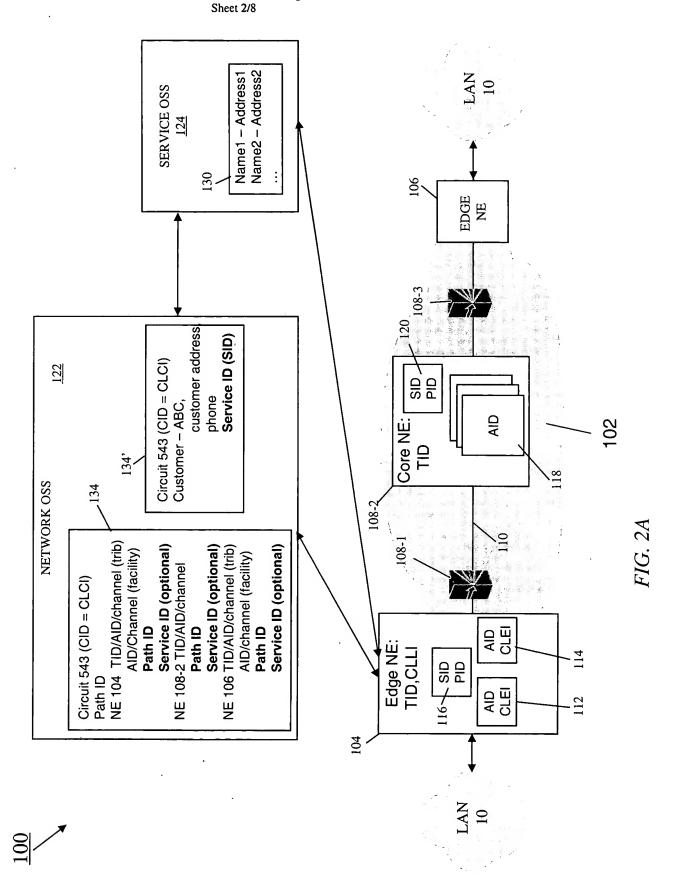
FIG. 1 (PRIOR ART)

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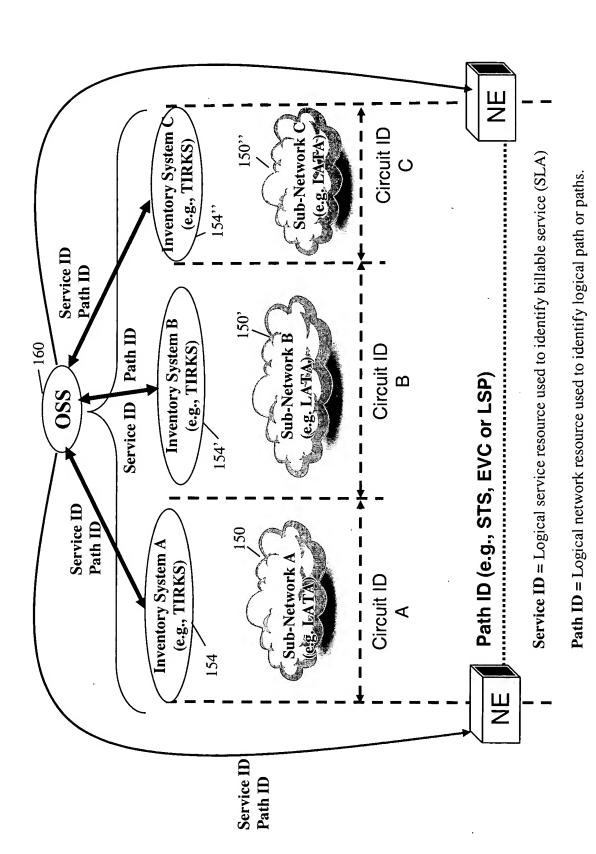


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		/ 220	L3 Service Attributes		L2 Service Attributes	xx Network Attributes	L1 Service Port Attributes	01 10Mb/s		03 1000Mb/s 04 10/100/1000	1									
204-3 人	· yyyyyyy	216	L3 Service Zone			L2 Service Zone		x1 Aggregate Zone			x5 Continental Zone		Li sei vice zone	xl Aggregate Zone		x3 Regional Zone	x4 National Zone	x5 Continental Zone	x6 Global Zone	
204-1 204-2	(×) (×) (×)	212	L3 Service Class	0x Business Class	1x Commercial Class	2x Best Effort	L2 Service Class	0x Business Class	1x Commercial Class	1	Servi	- C	-	IX FIRST Class PL	2x Business Class PL		8			
	200	80	L3 Service Set	Internet (public)	IP VPN (public)	IP VPN (private)	L2 Service Set	Frame Relay (private)	ATM (private)	E-Line (private)	E-LAN (private)	L1 Service Set	Async. Digital	Optical						
		208	L3 Se	lx	2x	3x	L2 Se	4x	5x	х9	7x	L1 Se	8x	x6						

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L2 Serv	L2 Service Set - E-line (private)
09	Internet Access
61	IP VPN Access
62	Frame Relay Access
63	Ethernet

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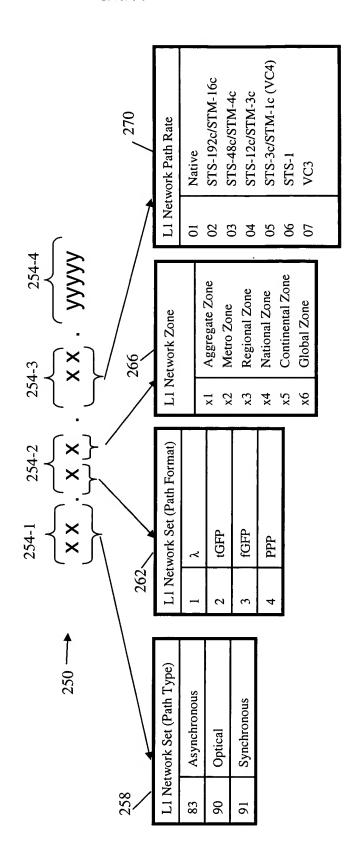
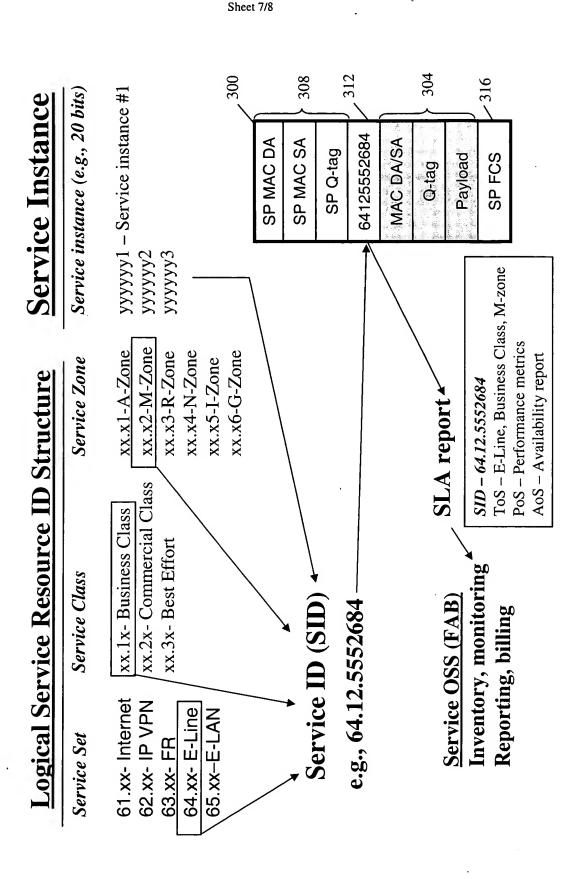


FIG. 5

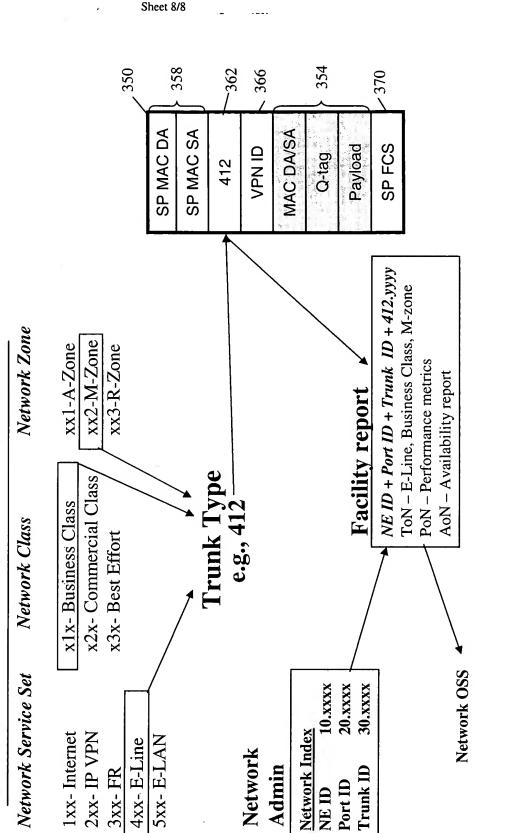


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Network Resources

FIG. 6



Logical Network Resource ID Structure

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FIG.)